





Figure 1C

## roouper nostr

## transmembrane

61 61 57	
* MLRMPPGSCN GATAIFGNVH COAAONTAGG DLOATSSIIA YWPYLAAGGG FLLIIIIFAIF 61 MLRMPPGSCN GATAVFGNVH COAAONTAGG DLOATSSIIA YWPYLAAGGG FLLIVIIFALL 61MSSDCA KIVSVFGSVH COSSKNSAGG DLOATSVFTT YWPHFAIGGG IIVVILLLGLF 57	.* .
YWPYLAAGGG YWPYLAAGGG YWPHFAIGGG	98 99 95
DLQATSSIIA DLQATSSIIA DLQATSVFTT DLQATS	A MAPPYDV.
* COAAONTAGG COAAONTAGG COSSKNSAGG CON-AGG	** + + + + + + + + YCCKAKVKAD AARSVFHREL VALSSGKHNA MAPPYDV. YCCKAKVKAD AARSVFHREL VALSSGKHNA MAPPYDV. YCCYLKWKTS OVKHTYRREL IALTRSHVHS TPSGISYV
GATAIFGNVH GATAVFGNVH KIVSVFGSVH	+ + + AARSVFHREL AARSVFHREL OVKHTYRREL
*  1 MLRMPPGSCN GATAIFGNVH COAAONTAGG DLOATSSIIA YWPYLAAGGG FLLIIIIFAIF 61  1 MLRMPPGSCN GATAVFGNVH COAAONTAGG DLOATSSIIA YWPYLAAGGG FLLIVIIFALL 61  1MSSDCA KIVSVFGSVH COSSKNSAGG DLOATSVFTT YWPHFAIGGG IIVVILLLGLF 57	** + + + + + + + + 62 YCCKAKVKAD AARSVFHREL VALSSGKHNA MAPPYDV. 98 62 YCCKAKVKAD AARSVFHREL VALSSGKHNA MAPPYDV. 98 58 YCCYLKWKTS OVKHTYRREL IALTRSHVHS TPSGISYV 95 YCCK-KREL -AL
ARV-138 ARV-176 NBV Consensus	ARV-138 ARV-176 NBV consensus

Figure 2

## DOCUMENT TOURS

## transmembrane

61 OIREOIELGL LSYGAGVASL PLLNVIAHNP GSVISATPIY KGPCTGVPNS RLLOITSGTA 120 1 MGORHSIVOP PAPPPNAFVE IVSSSTGIII AVGIFAFIFS FLYKLLOWYN RKSKNKKRKE 60 +++++ 121 EENTRILNHD GRNPDGSINV

Figure 3